

Sequence Listing.ST25.txt
SEQUENCE LISTING

```

<110> Pfizer Limited
      Bazin, Richard John
      Macdonald, Graeme Arthur
      Phillips, Christopher

<120> Crystal Structure

<130> PCS10934ABXP

<160> 6

<170> PatentIn version 3.0

<210> 1
<211> 2241
<212> DNA
<213> Oryctolagus cuniculus (Rabbit)

<400> 1
atgcctctgt tcaaactccc agctgaagga aaagaactcg atgatgcaat gggcagctc      60
atctgaaaaag tggggccctc agaagtcaaa gatgaggggg gcccggcggg gatttccct      120
ttttatgtgg atgagatctg tccaaatttc catcatgaga tgcaagcgcataactccac      180
atggagacgc tggccacctc cccagaaggc acgaggaaaa agcgtttcca aggacggaaag      240
actgttaatt tgcatttc actcagtggaa gcatcttcca ccaaactgtc gcacattgtat      300
gaatacatct ctttatctcc aaccttaccag acagtccctg attttcagag agtgcagatc      360
acggggagact atgcctctgg ggtcacatgg gaagacttcg aaatagtgtg caaagggtcg      420
taccgggcat tgcgtatccg ggagaaaatac atgcgtggaaat cgtttcagag gttcccaaaa      480
acccttcca agtacttgcg gggcattggaa ggcacagttt ggaagcaaa tgagatctcc      540
tatccagttt ttacacctgc tctgaagaag ggagaggacc cttccgaac agacaacctg      600
cccgaaaacc tgggtatca cctcaaaatg aaagacgggtg tggtttacat ctatgtcaac      660
gaagcagcggc cgggcaaaaga tgagcccaag ccacttctt acccaaataat ggaggagttc      720
ttggatgata tgaattttt gcttgctta attgcccggaa gacctgttac gacctatacg      780
caccggcggtc tgaagttccct cttcccaag ttccagggtgc accagatgtc caacggatgtc      840
gacgagatgtca aggagatgtca gaaacaaccctt caccggcattt tttacaactg cagggaaatgtc      900
gacacccaca tccatgtggc tggctgtatc aaccaggaaaatc atctgtgtcg cttcattaaatgtc      960

```

Sequence Listing.ST25.txt

aaatcttacc	aagtggatgc	cgacagagt	gtctacagca	ccaaagagaa	gaatctaacc	1020
ctaaagcaac	tttttgataa	attaaaactg	caccctatg	acctgactgt	cgactctctg	1080
gatgttcatg	ccggccgcca	gacttccag	cgttttgata	agttcaatga	caaatacaat	1140
cctgttaggag	caagtggatctc	tacctaaga	cagacaatta	cattaacggg		1200
gaatattttg	ccactatcat	caaggaggt	ggtcagact	tgtggacgc	caagtaccag	1260
catgctgagc	ctcgctctgc	catctatggc	cgcagccctg	atgagtggag	caaactttcc	1320
tcctgttgc	tccgcacccg	catctacagc	tctaaacatga	catggatgt	ccaggtcccc	1380
aggatctatg	atgtgttgc	atccaaagaat	ttccttccac	acttcggaaa	gatgctggag	1440
aatgtgttca	tgccagtgtt	tgaggcgacc	atcaaccccc	aagtcatcc	agaactcagt	1500
gtctttctta	aacatatac	tggctttgc	agtgtggatg	atgaaagtaa	acacagtggc	1560
Catatgtttt	cttcaaaaag	ccccaaaccc	caggagtgg	ccttgaaaaa	aaatccttcc	1620
ataccacttac	acgcctacta	catgtatgc	aacatcatgg	tgctcaacag	cctgagaaag	1680
gaacgaggca	tgaatacatt	tctgttccga	cctcaactgcg	ggaaagttgg	ggctctcacc	1740
acccatcatga	ccgccttcat	gacagcagat	aatatctctc	atggcctgaa	tttaaaaaag	1800
agtccctgtgt	tacaatactt	gttttctta	gcccagattc	ctatcgccat	gtcaccattta	1860
agtaacaaca	gccttatttct	agagtagtgc	aaaaatccat	tttttagattt	tctccagaaa	1920
ggactaatga	tctcaactgtc	taccatgtat	ccgatgcagt	tccacttcac	caaggagccc	1980
atgtatggaaag	aatacgcatt	tgacgcacaa	gtcttcaagc	tgagtacctg	tgacatgtgt	2040
gaagtggcga	ggaacagtgt	tctgcagtgt	ggaatttctc	atgaggaaaa	agcaaagttt	2100
ttgggcaaca	attaccttga	ggaaggcccc	attggaaatg	atatccggaa	gacgaatgtaa	2160
gcccaaatcc	gcatggccta	tcgctatgaa	acctgggttt	atgaactcaa	ttaattgct	2220
gagggtctta	aatcaacaga	a				2241

<210> 2

<211> 747

<212> PRT

<213> Oryctolagus cuniculus (Rabbit)

<400> 2

Met Pro Leu Phe Lys Leu Pro Ala Glu Gly Lys Glu Leu Asp Asp Ala
Page 2

Sequence Listing.ST25.txt

1 5 10 15

Met Gly Ser Phe Ala Glu Lys Val Phe Ala Ser Glu Val Lys Asp Glu
20 25 30Gly Gly Arg Gln Glu Ile Ser Pro Phe Asp Val Asp Glu Ile Cys Pro
35 40 45Ile Ser His His Glu Met Gln Ala His Ile Leu His Met Glu Thr Leu
50 55 60Ala Thr Ser Pro Glu Gly Thr Arg Lys Lys Arg Phe Gln Gly Arg Lys
65 70 75 80Thr Val Asn Leu Ser Ile Pro Leu Ser Glu Ala Ser Ser Thr Lys Leu
85 90 95Ser His Ile Asp Glu Tyr Ile Ser Leu Ser Pro Thr Tyr Gln Thr Val
100 105 110Pro Asp Phe Gln Arg Val Gln Ile Thr Gly Asp Tyr Ala Ser Gly Val
115 120 125Thr Val Glu Asp Phe Glu Ile Val Cys Lys Gly Leu Tyr Arg Ala Leu
130 135 140Cys Ile Arg Glu Lys Tyr Met Leu Lys Ser Phe Gln Arg Phe Pro Lys
145 150 155 160Thr Pro Ser Lys Tyr Leu Arg Ser Ile Glu Gly Thr Ala Trp Lys Ala
165 170 175Asn Glu Ser Ser Tyr Pro Val Phe Thr Pro Ala Leu Lys Lys Gly Glu
180 185 190Asp Pro Phe Arg Thr Asp Asn Leu Pro Glu Asn Leu Gly Tyr His Leu
195 200 205Lys Met Lys Asp Gly Val Val Tyr Ile Tyr Ala Asn Glu Ala Ala Ala
210 215 220Gly Lys Asp Glu Pro Lys Pro Leu Leu Tyr Pro Asn Met Glu Glu Phe
225 230 235 240Leu Asp Asp Met Asn Phe Leu Leu Ala Leu Ile Ala Gln Gly Pro Val
245 250 255Lys Thr Tyr Thr His Arg Arg Leu Lys Phe Leu Ser Ser Lys Phe Gln
260 265 270Val His Gln Met Leu Asn Glu Met Asp Glu Leu Lys Glu Leu Lys Asn
275 280 285

Sequence Listing.ST25.txt

Asn	Pro	His	Arg	Asp	Phe	Tyr	Asn	Cys	Arg	Lys	Val	Asp	Thr	His	Ile
290				295							300				
His	Ala	Ala	Ala	Cys	Met	Asn	Gln	Lys	His	Leu	Leu	Arg	Phe	Ile	Lys
305				310					315				320		
Lys	Ser	Tyr	Gln	Val	Asp	Ala	Asp	Arg	Val	Val	Tyr	Ser	Thr	Lys	Glu
	325							330				335			
Lys	Asn	Leu	Thr	Leu	Lys	Gln	Leu	Phe	Asp	Lys	Leu	Lys	Leu	His	Pro
	340						345					350			
Tyr	Asp	Leu	Thr	Val	Asp	Ser	Leu	Asp	Val	His	Ala	Gly	Arg	Gln	Thr
	355						360					365			
Phe	Gln	Arg	Phe	Asp	Lys	Phe	Asn	Asp	Lys	Tyr	Asn	Pro	Val	Gly	Ala
	370					375					380				
Ser	Glu	Leu	Arg	Asp	Leu	Tyr	Leu	Lys	Thr	Asp	Asn	Tyr	Ile	Asn	Gly
	385					390			395					400	
Glu	Tyr	Phe	Ala	Thr	Ile	Ile	Lys	Glu	Val	Gly	Ala	Asp	Leu	Val	Asp
					405				410					415	
Ala	Lys	Tyr	Gln	His	Ala	Glu	Pro	Arg	Leu	Ser	Ile	Tyr	Gly	Arg	Ser
					420			425					430		
Pro	Asp	Glu	Trp	Ser	Lys	Leu	Ser	Ser	Trp	Phe	Val	Arg	Asn	Arg	Ile
							435			440			445		
Tyr	Ser	Ser	Asn	Met	Thr	Trp	Met	Ile	Gln	Val	Pro	Arg	Ile	Tyr	Asp
							450			455			460		
Val	Phe	Arg	Ser	Lys	Asn	Phe	Leu	Pro	His	Phe	Gly	Lys	Met	Leu	Glu
							465			470			475		480
Asn	Val	Phe	Met	Pro	Val	Phe	Glu	Ala	Thr	Ile	Asn	Pro	Gln	Ala	His
							485						490		495
Pro	Glu	Leu	Ser	Val	Phe	Leu	Lys	His	Ile	Thr	Gly	Phe	Asp	Ser	Val
							500			505			510		
Asp	Asp	Glu	Ser	Lys	His	Ser	Gly	His	Met	Phe	Ser	Ser	Lys	Ser	Pro
							515			520			525		
Lys	Pro	Gln	Glu	Trp	Thr	Leu	Glu	Lys	Asn	Pro	Ser	Tyr	Thr	Tyr	Tyr
							530			535			540		
Ala	Tyr	Tyr	Met	Tyr	Ala	Asn	Ile	Met	Val	Leu	Asn	Ser	Leu	Arg	Lys
							545			550			555		560
Glu	Arg	Gly	Met	Asn	Thr	Phe	Leu	Phe	Arg	Pro	His	Cys	Gly	Glu	Val
							565					570		575	

Sequence Listing.ST25.txt

Gly Ala Leu Thr His Leu Met Thr Ala Phe Met Thr Ala Asp Asn Ile
580 585 590

Ser His Gly Leu Asn Leu Lys Lys Ser Pro Val Leu Gln Tyr Leu Phe
595 600 605

Phe Leu Ala Gln Ile Pro Ile Ala Met Ser Pro Leu Ser Asn Asn Ser
610 615 620

Leu Phe Leu Glu Tyr Ala Lys Asn Pro Phe Leu Asp Phe Leu Gln Lys
625 630 635 640

Gly Leu Met Ile Ser Leu Ser Thr Asp Asp Pro Met Gln Phe His Phe
645 650 655

Thr Lys Glu Pro Leu Met Glu Glu Tyr Ala Ile Ala Ala Gln Val Phe
660 665 670

Lys Leu Ser Thr Cys Asp Met Cys Glu Val Ala Arg Asn Ser Val Leu
675 680 685

Gln Cys Gly Ile Ser His Glu Glu Lys Ala Lys Phe Leu Gly Asn Asn
690 695 700

Tyr Leu Glu Glu Gly Pro Ile Gly Asn Asp Ile Arg Lys Thr Asn Val
705 710 715 720

Ala Gln Ile Arg Met Ala Tyr Arg Tyr Glu Thr Trp Cys Tyr Glu Leu
725 730 735

Asn Leu Ile Ala Glu Gly Leu Lys Ser Thr Glu
740 745

<210> 3
<211> 20
<212> DNA
<213> Homo sapiens

<400> 3
atgcctctgt tcaaactccc

20

<210> 4
<211> 21
<212> DNA
<213> Homo sapiens

<400> 4
ttctgttgat ttaagaccct c

21

<210> 5

Sequence Listing.ST25.txt

<211> 21
<212> DNA
<213> Homo sapiens

<400> 5
atgaaccaga aacatctgct g

21

<210> 6
<211> 22
<212> DNA
<213> Homo sapiens

<400> 6
cagcagatgt ttctgggtca tg

22

44022355-124304